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(54) Title: INK JET PRINTING METHOD AND APPARATUS

(57) Abstract: An ink jet print head comprises a print head matrix having nozzles for drop formation and release opening onto a print side surface of said matrix and individual local micro-reservoirs, each associated with the local nozzles. The reservoirs open onto an ink supply surface of the matrix and are supplied with ink by capillary action from wiping or spraying of ink regularly refreshed onto the ink supply surface. The design allows for a print head that substantially covers the area of the print media and thus permits stationary printing. Printing is rapid and the ink supply arrangement allows for reliable ink supply at atmospheric pressure.



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